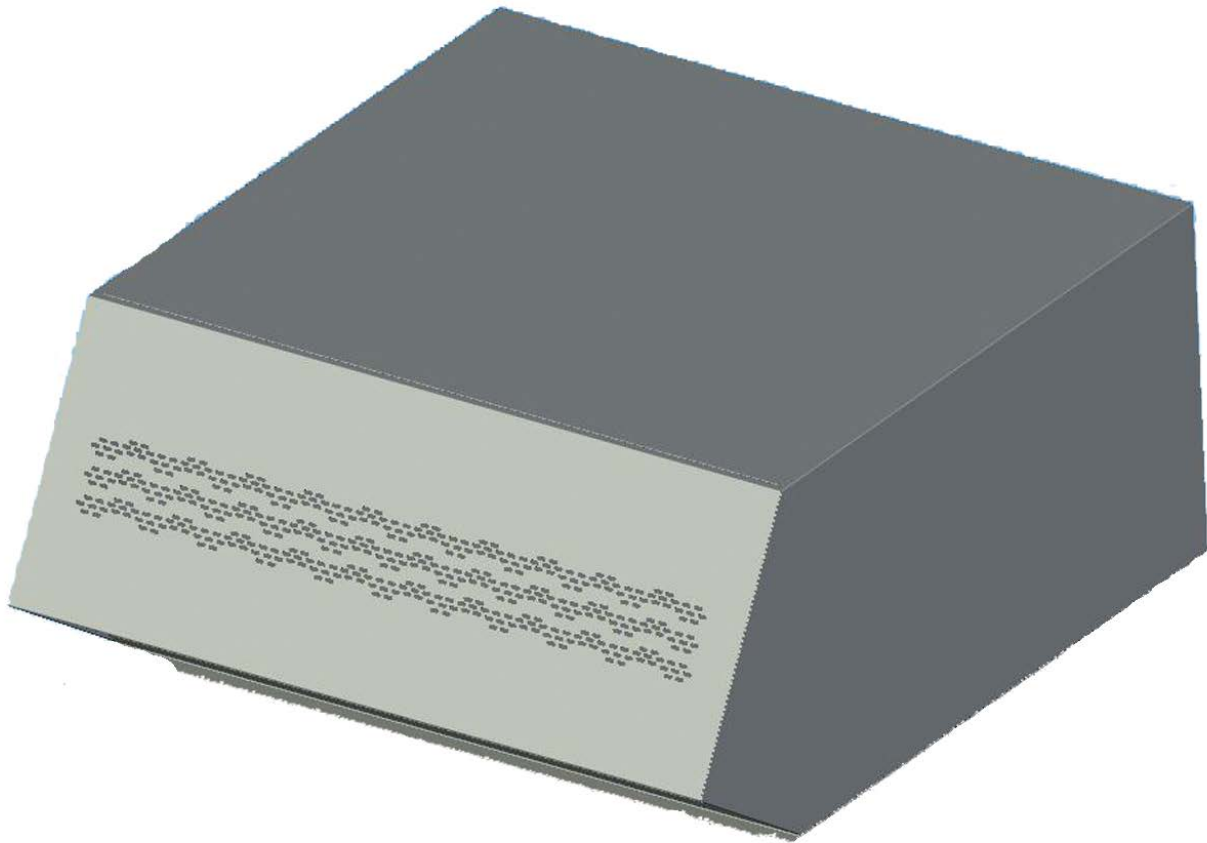


ECOVENT - Condensate Hoods

Operators Instructions



ECOVENT - Condensate Hoods
Model: ECOV-10, ECOV-20, ECOV-30, ECOV-40

Halton

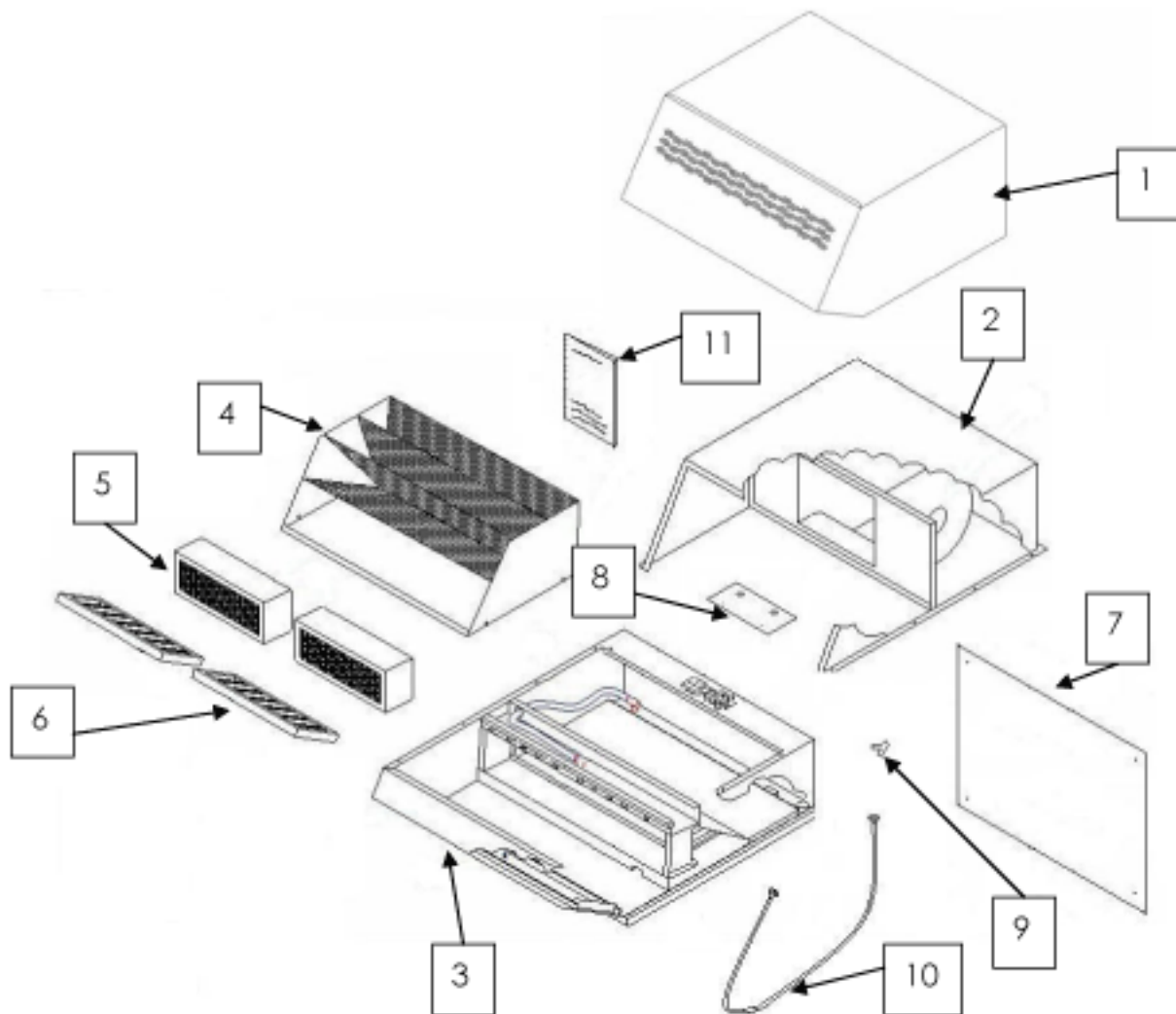
Table of Contents

Section 1 – Installation	Page
1.1 Identification of parts	3
1.2 Fitting to Oven	4
1.3 Fitting Door Magnet	4
1.4 Connection to Services	5
1.5 Commissioning	6
 Section 2 – Operation	
2.1 Safety	7
2.2 Regular Operation	7
2.3 Cleaning and Maintenance	8
 Section 3 – Technical and Performance Data	
3.1 Canopy Information	9
3.2 Wiring Diagram	10
 Section 4 – Recommended Spare Parts	12
 Section 5 – EC Declaration of Conformity	13

Section 1 - Installation

Identification of Parts

1. Outer Casing
2. Top Shell
3. Bottom Shell
4. Cassette
5. Mesh Moisture Eliminator
6. Baffle Filter
7. Back Plate
8. Fixing Bracket
9. $\frac{3}{4}$ " Nylon Branch
10. Flexible Hose
11. Instruction Manual pack, Incl. Door Magnet



Section 1 – Installation

1.2 Fitting to Oven

Information: The ECOVent condensate hood has been designed to fit on Electrolux ovens only, specifically models 269281, 267281, 267280. No direct connection to an outgoing extract system is required, as the steam laden air filtered by means of baffle filters, mesh moisture eliminators and perforated cassette.

Instruction: 1.2.1 Unscrew the 2 No. centre fixing screws, located to the rear of the ovens, that fix the roof panel in place. Screw the fixing bracket (8) into position using the holes provided.

1.2.2. Remove the nuts from the two locating studs fitted to the bottom rear of the condensate hood.

Safety: 1.2.3. Carefully lift the condensate hood (kg) into position, ensuring the locating stud fit into the holes on the fixing bracket. Take care To lift condensate hood clear of the flues exposed on the roof of the oven. Refit nuts and tighten.

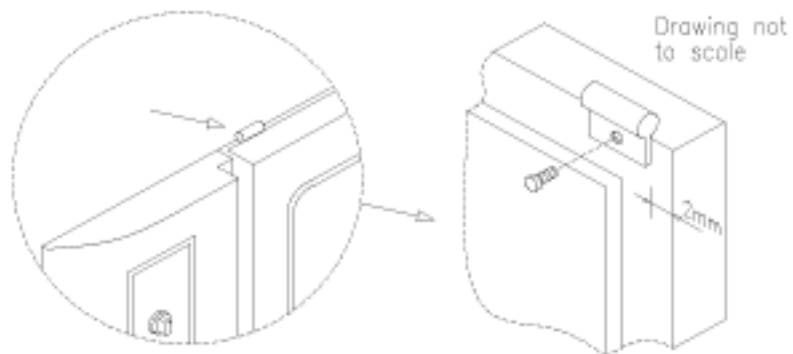
1.2.4. Check steadiness of unit when condensate hood is lifted on combi steamer.

1.2.5. Condensate hood is not developed for floor standing units.

1.2.6. Before connecting the condensate hood ensure the information on the rating plate corresponds.

1.3 Fitting Door Magnet

Fig 1.



Section 1 – Installation

- Instructions:
- 1.3.1. Place the door magnet (11) as Fig 1. and mark the fitting hole on top of the oven door.
 - 1.3.2. Drill on No. 2.4mm diameter hole, and tap with M3 thread.
 - 1.3.3. Fix the magnet into place, ensuring the distance is set to read, when door is opened to ventilation position.
- Information:
- The reed switch is already fixed to the condensate hood.

1.4 Connection to Services

- Information:
- The condensate hood requires a cold water supply, a suitable waste pipe fitted to the drain and a 120 volt single phase electrical supply.
- Instruction:
- 1.4.1 Cold Water Supply. Fit the $\frac{3}{4}$ " nylon Y branch (9) to the inlet connection on the underside of the oven. Onto this flexible hose (10) is to be fitted, with the opposite end connecting to the inlet on the rear of the condensate hood. Check your Electrolux manual for correct water quality etc.
 - 1.4.2. Drain Connection. The drain pipe has been designed to allow ease of interface with a 1 $\frac{1}{4}$ " waste pipe. The smaller pipe is an overflow, and should not be connected to the waste.
 - 1.4.3. Electrical Supply. Remove the back plate (7) to allow access to controls compartment. Connect a 120v/1/60 supply into the designated connector block. Refit to panel.
- Information:
- For further information see wiring diagram in section 3.2

Section 1 – Installation

1.5 Commissioning

Information: 1.5.1. Sequence of Operation. If all of the services have been connected correctly, the sequence of operation is as follows. Green illuminated on-off toggle switch will turn condensate hood power on. At this time the fan will run at low speed (Idle). When the door of the oven is opened, the magnetic reed switch triggers the fan to increase in speed, and a cold water mist to be produced. This will run for 24 seconds (factory setting) before returning to idle. Closing the door will also return the condensate hood to idle.

Instruction: 1.5.2. Prior to running the condensate hood for the first time, ensure that both the mesh moisture eliminator (5) and baffle filters (6) are fitted. Ensure all services and drains have been connected as described in section 1.4 and oven is switched off.

1.5.3. Turn power on via toggle switch. Fan will run. Open oven door to confirm activation of reed switch and allow to run for the full 24 seconds. (Until the water stops automatically.) Open and close the door twice more (and run for the full 24 seconds), to allow the weir in the base of the condensate hood to fill. The condensate hood is now ready for use.

Section 2 – Operation

2.1 Safety

- Safety
- 2.1.1. The ECOVent condensate hood is designated only for extracting steam and vapor from Electrolux ovens only, specifically models 269281, 267281, 267280.
- 2.1.2. The manufacturer accepts no liability of damages in case of non-designated use, or incorrect operation or installation.
- 2.1.3. The protection class IP55 of the condensate hood does not include the connection cable-shock-proof socket.
- 2.1.4. Always disconnect from the power supply, before carrying out any cleaning operations.
- 2.1.5. Do not clean the condensate hood with any type of high pressure cleaner, water sprayer or hose.
- 2.1.6. Regularly clean the baffle filters, inside and outside of the condensate hood.
- 2.1.7. Excess grease build up on any part of a condensate hood presents itself as a possible fire hazard. Ensure baffle filters are cleaned regularly, and while they are removed clean internal areas that are accessible.
- 2.1.8. Damage due to irregular cleaning invalidates any warranty claim.
- 2.1.9. Always ensure condensate hood is running when oven steamer is operating. This will reduce condensation within the condensate hood.

2.2 Regular Operation

- Instruction:
- 2.2.1. Day to day operation of the condensate hood requires very little user interaction as the condensate hood is essentially automatic
- 2.2.2. During cooking operations, opening the oven door should be done carefully. Open the door to the ventilation position (raised handle), as described in the Electrolux user manual, and leave for a few seconds (approx. 15) before opening fully. This will allow the majority of the steam and vapors to be removed efficiently.
- 2.2.3. Turn off power to condensate hood during extended periods of inactivity, such as overnight or between sessions.

Section 2 – Operation

2.3 Cleaning and Maintenance

Safety: 2.3.1. Before cleaning or carrying out maintenance on the condensate hood, ensure the power supply is disconnected.

Information: 2.3.2. The baffle filters should be removed and cleaned in a dishwasher regularly, at least every two weeks.
Experience could suggest more frequently, dependant on contaminant build up.

2.3.3. The condensate hood casing should be cleaned of contaminant build up, inside and out, with a hot mild cleaning solution and dried with a towel.

2.3.4. No corrosive or highly caustic alkaline cleaners or sourcing cleaning solution should be used.

2.3.5. The removable mesh moisture eliminators should be cleaned with a hot cleaning solution regularly, at least every four weeks, or as experience suggests.

2.3.6. The cold water mist nozzles should be checked for operating and the apertures cleaned with fine wire, when required.

2.3.7. To remove baffle filters, lift and swing bottom away from you. Pull out top first. To remove mesh moisture eliminators grab knobs and pull towards you. To refit reverse procedures.

2.3.8. Once a year the condensate hood should be checked by a technician.

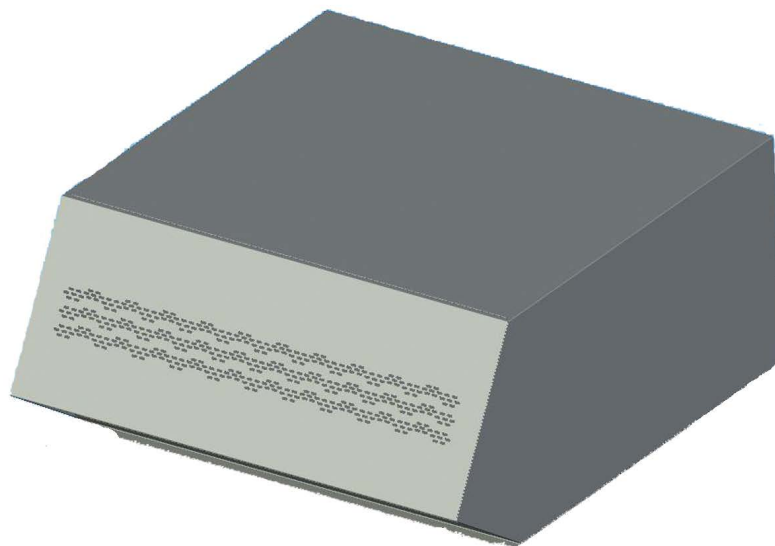
2.3.9. Troubleshooting:

<ul style="list-style-type: none">• Fan does not run	<ul style="list-style-type: none">• Check if power plug is connected and main switch is on• Call customer service
<ul style="list-style-type: none">• Fan always runs in high speed, or never in high speed.	<ul style="list-style-type: none">• Has the door magnet been fitted, and if so, is it in the right position?• Call customer service
<ul style="list-style-type: none">• Steam and vapor is not condensed	<ul style="list-style-type: none">• Ensure water is connected to the hood

Safety: 2.3.9 Under no circumstances must unqualified personnel attempt any repair or servicing within the back panel section of the condensate hood. Risk of electric shock which can cause serious injury or death. If technical difficulties are experienced contact your local service agent.

Section 3 – Technical and Performance Data

3.1 Canopy Information



Ventilation Condensate Hood for Electrolux Ovens

Main Power	120V single phase, 60Hz
Full Load Current (F.L.C.)	4 AMP max.
Protection Rating	IP55
Fan Capacity - Low Speed	211 CFM
Fan Capacity - High Speed	444 CFM
Cold Water Supply	Always > 40PSI
Weight	ECOV-10 --- lbs, ECOV-20 ---lbs, ECOV-30 --- lbs, ECOV-40 --- lbs
Construction Material	18 ga. stainless steel

ECOV-10

Electrolux Oven air-o-convect 62 & 102

Model: PNC 269281
PNC 266281
PNC 269283
PNC 266283

ECOV-20

Electrolux Oven air-o-convect 62 & 102

Model: PNC 267281
PNC 267321
PNC 267283
PNC 267323

ECOV-30

Electrolux Oven air-o-convect 61 & 101

Model: PNC 267280
PNC 267320
PNC 267282
PNC 267322

ECOV-40

Electrolux Oven air-o-convect 61 & 101

Model: PNC 269280
PNC 266280
PNC 269282
PNC 266282

HALTON LIMITED WARRANTY

Halton ("Manufacturer"). Warrants only to its direct purchasers and to no others, that all products manufactured by the Manufacturer shall be free from defect in materials and workmanship for a period of twelve (12) months from the date of the original installation and start-up or eighteen (18) months from date of shipment, whichever occurs first. All products sold but not manufactured by Manufacturer will be warranted for a period of twelve (12) months from date of shipment.

For products manufactured by the Manufacturer we agree to pay any reasonable labor costs necessary to repair or replace, at Manufacturers option, defective parts or materials for a period of twelve (12) months from date of original installation and start-up or eighteen (18) months from date of shipment, whichever occurs first. All labor costs subject hereto shall be performed during standard work hours at straight-time rates.

For products sold but not manufactured by the Manufacturer we agree to pay any reasonable labor costs necessary to repair or replace, at Manufacturers option, defective parts or materials for a period of (90) days from date of original installation and start-up or (12) months from date of shipment, whichever occurs first. All labor costs subject hereto shall be performed during standard work hours at straight-time rates.

Purchaser shall pay incurred premium labor charge, including overtime, weekends and holidays. Travel time, service charges, miscellaneous tools, material charges, and labor charges resulting from inaccessibility of equipment will not be paid by Manufacturer.

This **LIMITED WARRANTY SHALL APPLY ONLY** to products that have been installed and maintained in accordance with the installation and Care Instruction Manuals. Purchaser shall be solely responsible for adhering to the instructions and procedures set forth in the said instruction manuals.

This **LIMITED WARRANTY SHALL NOT BE APPLICABLE** to any damage or defect resulting from fire, flood, freezing or any Act of God, abuse, misuse, accident, neglect or failure to adhere to all instructions set forth in the installation and Care Instruction Manuals. Furthermore, this limited warranty shall not apply to any product that has been altered, unless such alteration has been approved in writing by a duly authorized representative of the manufacturer. In no event shall the manufacturer be liable for any loss, expense, personal injury or consequential damage, of any kind or character, as may result from a defect in material, and/or workmanship, however caused.

EXCEPT AS IS EXPRESSLY SET FORTH IN THIS LIMITED WARRANTY, MANUFACTURER MAKES NO WARRANTY OF MARKETABILITY FOR FITNESS OR ANY PARTICULAR PURPOSE. NEITHER DOES MANUFACTURER MAKE ANY WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS SOLD BY MANUFACTURER OR AS TO THE USE THEREOF.